







## 500A Series Current Transducers

	New Model No.	Old Model No.	Primary Nominal Current	Secondary nominal output	Measuring Range	Ratio	Accuracy	Linearity	Offset of zero			Working Principle	Supply Voltage	Response Time	Isolation Voltage	Operating Temperature	Picture	Page
400A	NACF.400C-S5/SP4V	NCA1C-400A/SP7	400A	4V	0~±900A	/	≤±1%	≤1%	≤±40mV			Straight Amplification	±15×(1±5%)V	≤3us	3kV/50Hz/1min	-40℃~+85℃		42/Fig. (10)
	NACF.400C-S5/SP5V	NCA1C-400A/SP10	400A	4V	0~±900A	/	≤±1%	≤1%	≤±40mV			Straight Amplification	±15×(1±5%)V	≤3us	3kV/50Hz/1min	-40℃~+85℃		42/Fig. (11)
	 NACF.400H1-S5/V	/	400A	4V	0~±800A	/	≤±1%	≤1%	≤±30mV			Straight Amplification	±15×(1±5%)V	≤7us	6kV/50Hz/1min	-40℃~+85℃	 ●	67/Fig. (85)
500A	NACL.500H-S1	NT500-S	500A	100mA	0~±800A	1 : 5000	≤±1%	≤0.2%	≤±0.25mA			Magnetic Balance	±(15~24)×(1±10%)V	≤1us	6kV/50Hz/1min	0℃~+70℃		46/Fig. (23)
	NACL.500H-T1	NT500-T																
	NACL.500H4-T2	NT500-T/SP2	500A	100mA	0~±800A	1 : 5000	≤±1%	≤0.1%	≤±0.25mA			Magnetic Balance	±(15~24)×(1±10%)V	≤1us	7kV/50Hz/1min	-25℃~+70℃		46/Fig. (24)
	NACL.500L-S1	NA505-S	500A	142.8mA	0~±1000A	1 : 3500	≤±0.8%	≤0.1%	≤±0.15mA			Magnetic Balance	±(15~24)×(1±5%)V	≤1us	6kV/50Hz/1min	-40℃~+85℃		47/Fig. (25)
	NACL.500L-S5	NA505-S/SP3	500A	250mA	0~±800A	1 : 2000	≤±0.8%	≤0.1%	≤±0.25mA			Magnetic Balance	±(12~15)×(1±5%)V	≤1us	6kV/50Hz/1min	-40℃~+85℃		47/Fig. (26)
	NACL.500J-S /SP1	NT500A-S	500A	100mA	0~±1500A	1 : 5000	≤±0.7%	≤0.1%	≤±0.5mA			Magnetic Balance	±(15~24)×(1±5%)V	≤1us	13.4kV/50Hz/1min	-40℃~+85℃		47/Fig. (27)
	NACL.500Q-S	NT500C-S	500A	100mA	0~±1500A	1 : 5000	≤±0.7%	≤0.1%	≤±0.5mA			Magnetic Balance	±(15~24)×(1±5%)V	≤1us	13.4kV/50Hz/1min	-40℃~+85℃		48/Fig. (28)
	NACL.500R1-S5/SP2	NT508-S/SP2	500A	100mA	0~±800A	1 : 5000	≤±0.4%	≤0.1%	≤±0.13mA			Magnetic Balance	±(15~18)×(1±5%)V	≤1us	6kV/50Hz/1min	-25℃~+70℃	 ●	48/Fig. (29)
	NACF.500C-S5/V	NCA1C-500A	500A	4V	0~±900A	/	≤±1%	≤1%	≤±40mV			Straight Amplification	±15×(1±5%)V	≤3us	3kV/50Hz/1min	-40℃~+85℃		41/Fig. (8)
	NACF.500C-S5/SP3V	NCA1C-500A/SP5	500A	2.5±(0.5)I <sub>p</sub> /I <sub>PN</sub> V	0~±900A	/	≤±2%	≤1%	≤±10mV			Straight Amplification	+5×(1±5%)V	≤5us	3kV/50Hz/1min	-10℃~+80℃		41/Fig. (9)
	NACF.500C-S5/SP4V	NCA1C-500A/SP7	500A	4V	0~±900A	/	≤±1%	≤1%	≤±40mV			Straight Amplification	±15×(1±5%)V	≤3us	3kV/50Hz/1min	-40℃~+85℃		42/Fig. (10)
	NACF.500C-S5/SP5V	NCA1C-500A/SP10	500A	4V	0~±900A	/	≤±1%	≤1%	≤±40mV			Straight Amplification	±15×(1±5%)V	≤3us	3kV/50Hz/1min	-40℃~+85℃		42/Fig. (11)
	NACF.500J-S5/V	NCA1J-500A	500A	4V	0~±1500A	/	≤±1%	≤1%	≤±20mV			Straight Amplification	±15×(1±5%)V	≤5us	5kV/50Hz/1min	-40℃~+85℃	 UL	48/Fig. (30)
	NACF.500J1-S5/V	NCA1J-500A/SP1	500A	4V	0~±1500A	/	≤±1%	≤1%	≤±20mV			Straight Amplification	±15×(1±5%)V	≤5us	5kV/50Hz/1min	-40℃~+85℃		49/Fig. (31)
	NACF.500N-S1/V	NCA1N-500A	500A	10V	0~±550A	/	≤±1%	≤1%	≤±30mV			Straight Amplification	±15×(1±5%)V	≤25us	3.5kV/50Hz/1min	-40℃~+85℃		49/Fig. (33)
 NACF.500J1-S5/SP1VM	/	500A	4V	0~±1500A	/	≤±1%	≤1%	≤±30mV			Straight Amplification	±15×(1±5%)V	≤5us	5kV/50Hz/1min	-40℃~+105℃	 ●	64/Fig. (77)	

● " UL in certification